

Product Data Sheet

ProxPoint™ Proximity Card Reader

Morley and HID offer the close proximity ProxPoint reader for true mullion mounted reader installations.

The new HID ProxPoint proximity reader is so small and inconspicuous, you hardly know it's there. In addition to its small, attractive design, all of the reader electronics are potted making it ideal for both indoor and outdoor applications. The ProxPoint reader is priced to fit the tightest of budgets.

The new ProxPoint reader accepts 5-16 volts, meeting most voltage requirements.

The ProxPoint reader is available with either Wiegand interface or clock-and-data magnetic stripe interface. The 5-volt capability allows existing swipe-type access

control installations to be easily upgraded to proximity technology, simply by changing the existing reader heads and cards.

The clock-and-data magnetic stripe version reads all HID proximity cards and outputs the card data in a Track II format. No rewiring or pulling of new cable is necessary.

The ProxPoint reader offers high reliability, consistent read range characteristics, and low power consumption in a single, easy-to-install package. Standard capabilities include multicolour LED and compatibility with all standard access control systems.

The ProxPoint reader is designed for mounting directly on metal with no change in read range performance.



Specifications

Typical maximum* read range:

- ProxCard ® II card up to 9.5 cm (3.75")
- ISOProx ® II card up to 5.8 cm (2.3")
- ProxKey™ II keyfob up to 4.3 cm (1.7")
- ProxCard ® Plus card up to 3 cm (1.2")

Dimensions:

- 7.96 x 4.3 x 1.3 cm (3.135" x 1.7" x 0.51")

Material:

- Polycarbonate UL 94

Power supply:

- 4.75-16 VDC
- Linear power supplies are recommended.

Maximum current requirements:

- Current (DC)
- Average 35 mA
- Peak 60 mA

Operating temperature:

- -22° to 150° F (-30° to 65° C)

Operating humidity:

- 0-95% relative humidity non-condensing

Weight:

- 75 gm (2.7 oz.)

Transmit frequency:

- 125 kHz

Certifications:

- UL 294 listed
- FCC part 15, United States
- DTI (MPT 1337), United Kingdom
- CE Mark approved
- BZT pending

Cable distance:

- Wiegand interface: 500 feet (150 m)
- Clock-and-data interface: 50 feet (15 m)
- Recommended cable is ALPHA 1295 (22 AWG) 5 conductor stranded with overall shield or equivalent.

*Depending on local installation conditions

Part numbers

- 105051 Proxpoint Reader (Specify Wiegand or Clock and Data Output)
- Options: Grey, Beige, Black or White

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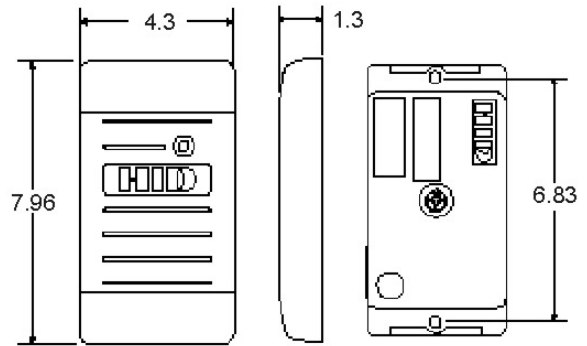
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Morley Electronics operates a policy of continuous product improvement and reserves the right to change products without notice.



Features

Mounting: ProxPoint™ readers are designed to be unobtrusive and to mount directly on metal.

Visual indication: When a proximity card is presented to the reader, the red LED flashes green.

Diagnostics: On reader power-up, an internal self-test routine checks and verifies the setup configuration and initialises the reader operation.

An additional external loop-back test allows for the reader outputs and inputs to be verified without the use of additional test equipment.

Indoor/outdoor design: The ProxPoint reader is sealed in a rugged, weatherised polycarbonate enclosure designed to withstand harsh environments as well as provide a high degree of vandal resistance. This allows reliable performance anywhere.

Easily interfaced: The ProxPoint reader interfaces with all existing Wiegand protocol access control systems. ProxPoint readers output data in Wiegand format, plus optional Clock-and-data magnetic stripe format. The Clock-and-data magnetic stripe output interfaces with systems that originally read Track II magnetic stripe data using TTL level outputs of data, clock, and card present.

Security: The ProxPoint reader recognises over 137 billion unique codes.

Warranty: ProxPoint readers are warranted against defects in materials and workmanship for life from date of shipment.

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